

✓ Please replace the paragraph beginning on page 1, line 23 with the following:

22 The commutator 24 has a plurality of segments 24a on which the brushes 25 slide, so that the direct current flows from the brushes 25 to the coils 27 through the segments 24a of a commutator 24. Thus, the armature 23 rotates in the clockwise direction (arrow X) in the figures, as the direction of current flowing in the coils 27 is reversed.

✓ Please replace the paragraph beginning on page 2, line 15 with the following:

23 Figs. 14A to 14C correspond to Figs. 13A to 13C. When the armature 23 rotates as shown in the order of Figs. 13A, 13B and 13C, the direction of current I in the coil is reversed. The direction of the magnetic field in the core 26 wound with the core coil 27 is reversed. The rotating force is generated to rotate the armature 23 by the electromagnetic force of the coils 27 and the magnetic force of the magnets 21 and 22.

IN THE CLAIMS

Please cancel claims 1 - 20 without prejudice.

Please add the following new claims:

21. (Amended) A direct current motor comprising:
an armature having a core and coils wound on the core;
magnets arranged to face each other through the armature;
a commutator operatively connected to the coils; and